

REMARKS/ARGUMENTS

Claim 23 is amended by this response. Claims 21 and 22 are canceled. No claims are added. Accordingly, following entry of these amendments and remarks, claims 1-20 and 23-27 will remain pending for examination.

Objection to the Drawings

In the latest office action, the Examiner objected to the drawings for allegedly not showing every feature of the invention specified in the claims. Specifically, the Examiner objected to the drawings for failing to show the claimed "down-sample circuit" of claim 23. However, Applicants would like to direct the Examiner's attention to element 430 of Figure 4 of the instant application (See ¶[0034]). Figure 4, as originally filed, clearly depicts an embodiment of the claimed "down-sample circuit" as element 430. As such, Applicants believe the objection to the drawings should be withdrawn.

Objection to the Claims

Also in the latest office action, the Examiner objected to the claims for certain informalities. Specifically, the Examiner objected to claim 23 for failing to recite the "plurality of low-pass filters" and the "discrete Fourier transform circuit" as responsive to the "down-sampler circuit." Claim 23 has now been amended accordingly as detailed above. As such, Applicants believe these amendments overcome the objection to the claims.

Double Patenting Rejection

Claims 1-20 stand rejected under nonstatutory obviousness-type double patenting grounds based upon claims 1-19 of U.S. Patent No. 6,704,372. Applicants thank the Examiner for pointing out the mistake lack of a terminal disclaimer in the previous response. Accordingly, submitted herewith is a terminal disclaimer over claims 1-19 of U.S. Patent No. 6,704,372, thereby overcoming the double patenting rejection to the claims.

Section 102 Rejection of the Claims

Also in the latest office action, the Examiner rejected claims 21 and 22 as either anticipated, or as obvious based upon U.S. Patent No. 5,818,883 to Smith. Claims 21 and 22 are canceled by this response, rendering moot this rejection to the claims.

Allowable Subject Matter

Applicants would like to thank the Examiner for allowing claims 23-27. Based on the arguments set forth above, Applicants believe the remaining claims are also in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested. If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-326-2400.

Respectfully submitted,

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